




Franks Tract

Pilot Project

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Agenda

- Background Information
- Pilot Project Alternatives
- WQ Modeling Studies
- Fish Studies
- Project Schedule
- Funding Options

Flooded Island Feasibility Study

- Identified WQ Improvement Potential
- Evaluated Several Alternatives for benefits to:
 - Water Quality
 - Ecosystem
 - Recreation
- Recommendations
 - Pilot Project to Confirm Benefits
 - Refine Alternatives

Follow-on Activities

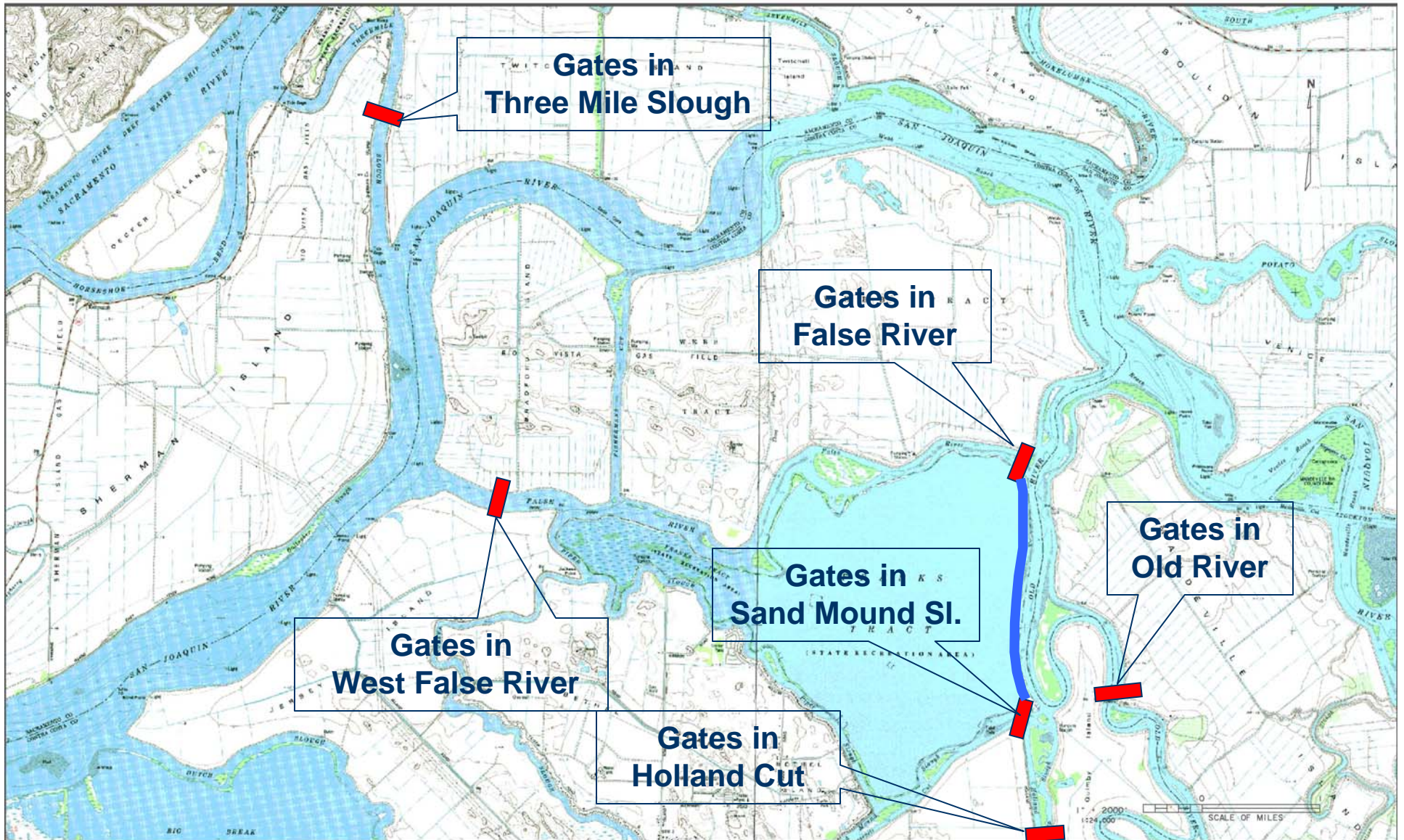
- Evaluated Pilot Project Design Alternatives
- Commenced Monitoring Flow and Salinity in Delta
- Initiated Fisheries Studies

Pilot Project Objectives

- Confirm WQ Benefits
- Monitor Impacts of the Project
 - Fisheries
 - Recreation
 - Ecology
- Modify Project Operations to Minimize Impacts



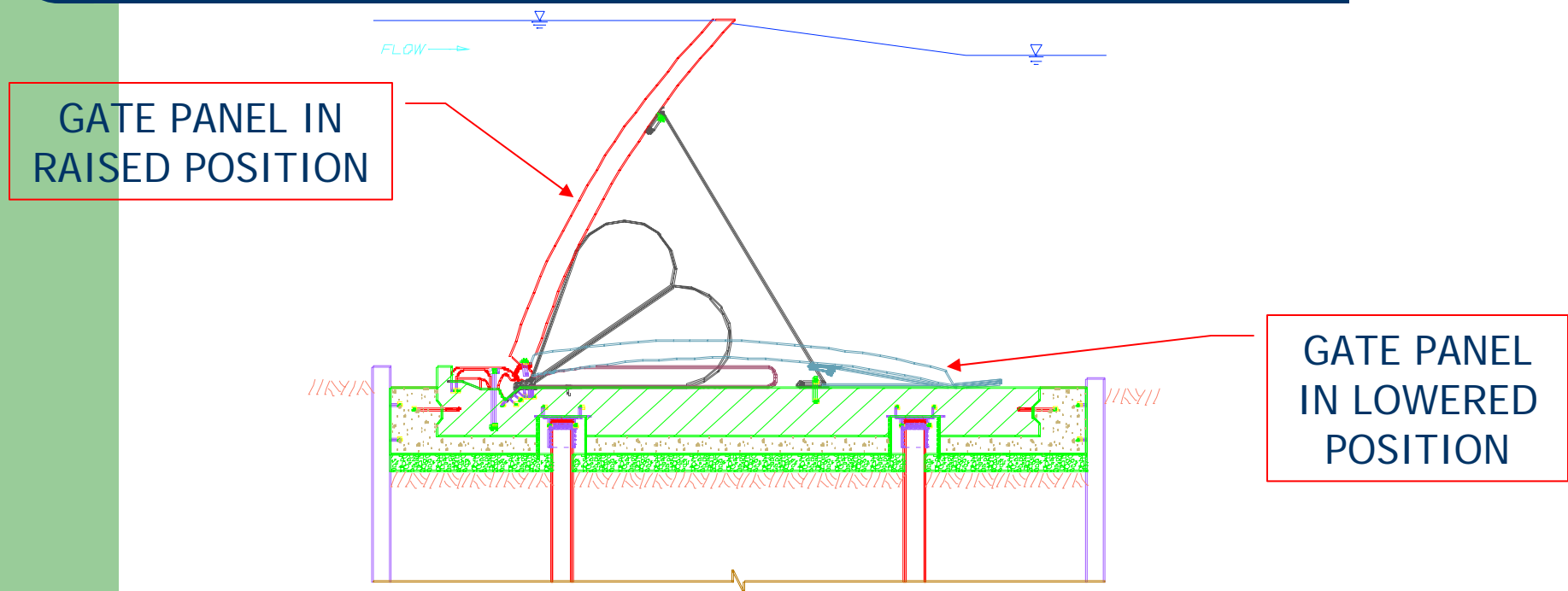
Pilot Project Alternatives



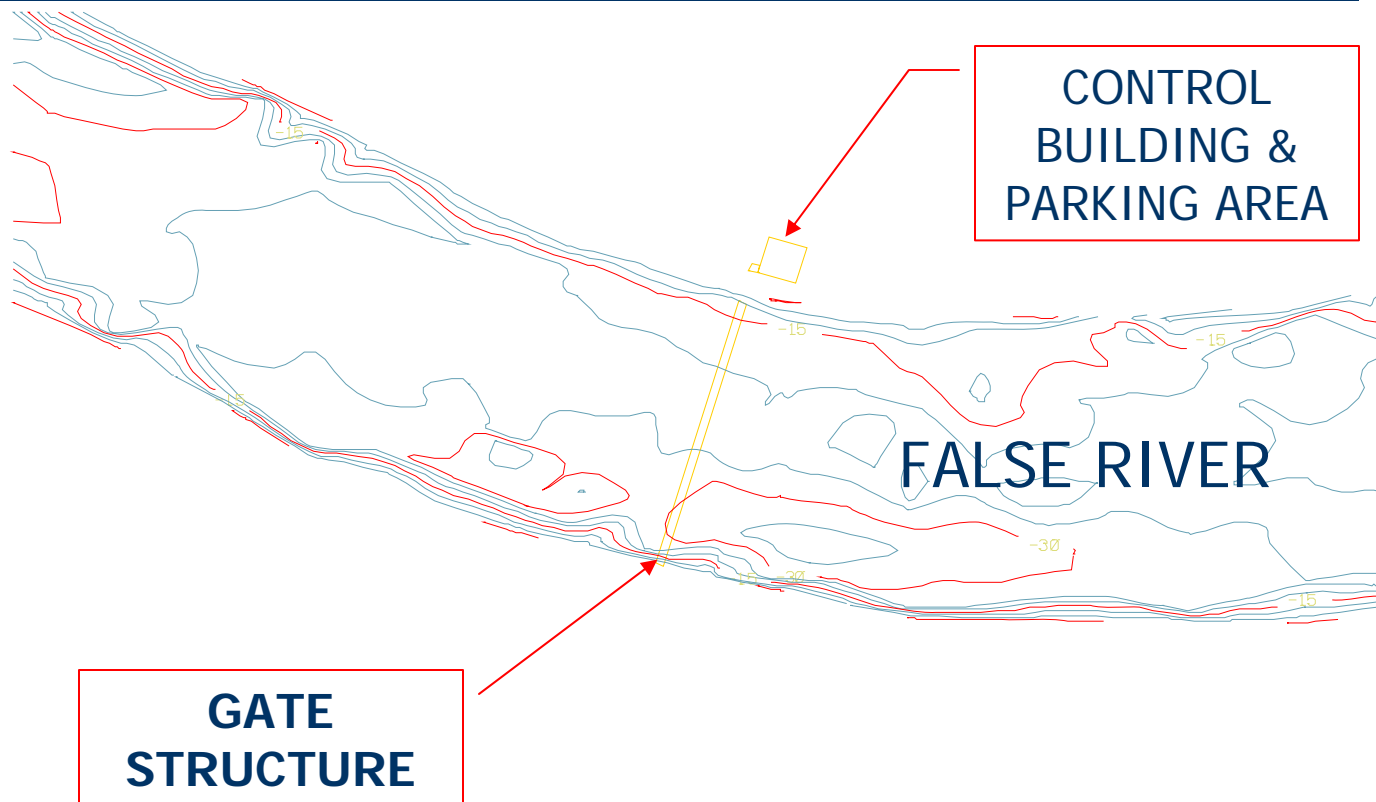
Obermeyer Gates



Cross Section

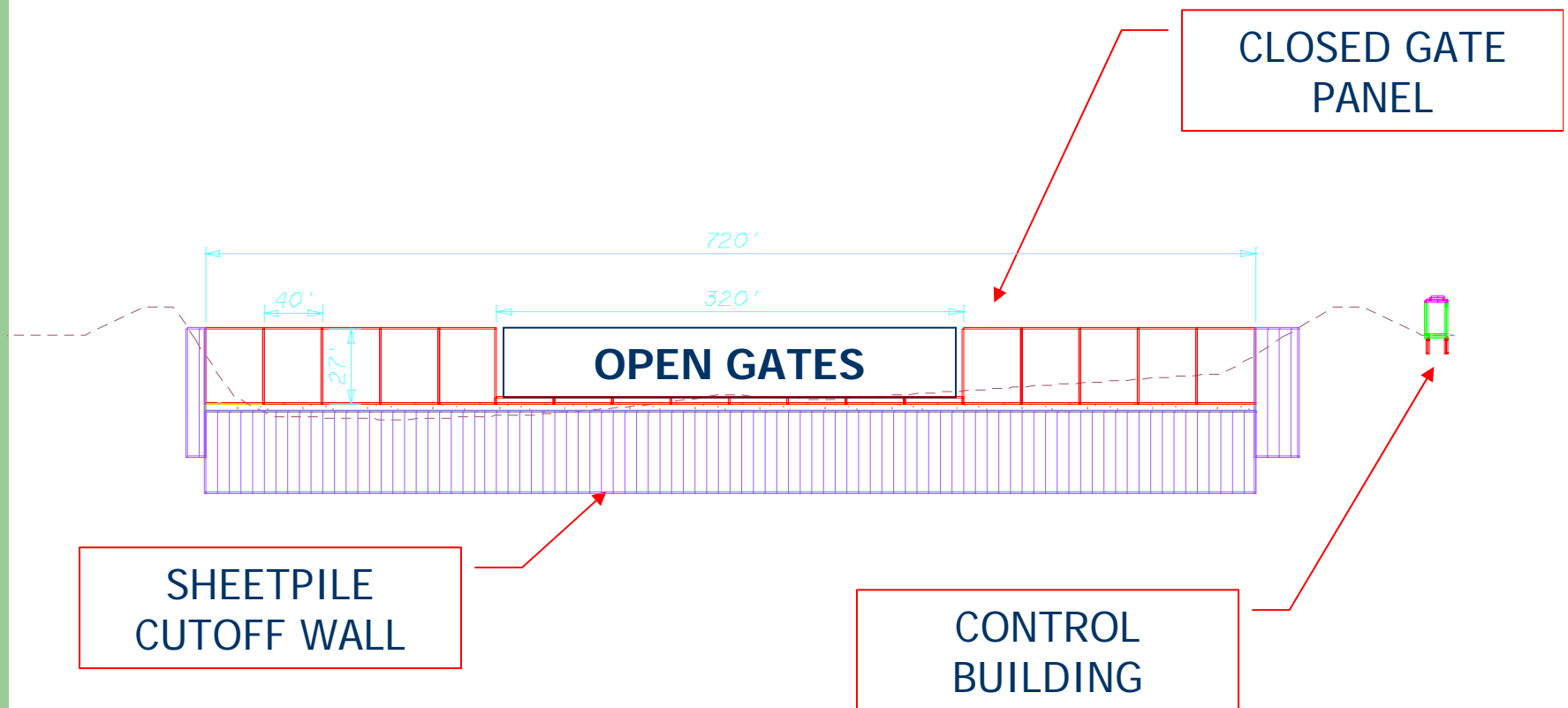


Preliminary Design – Gated Alternative



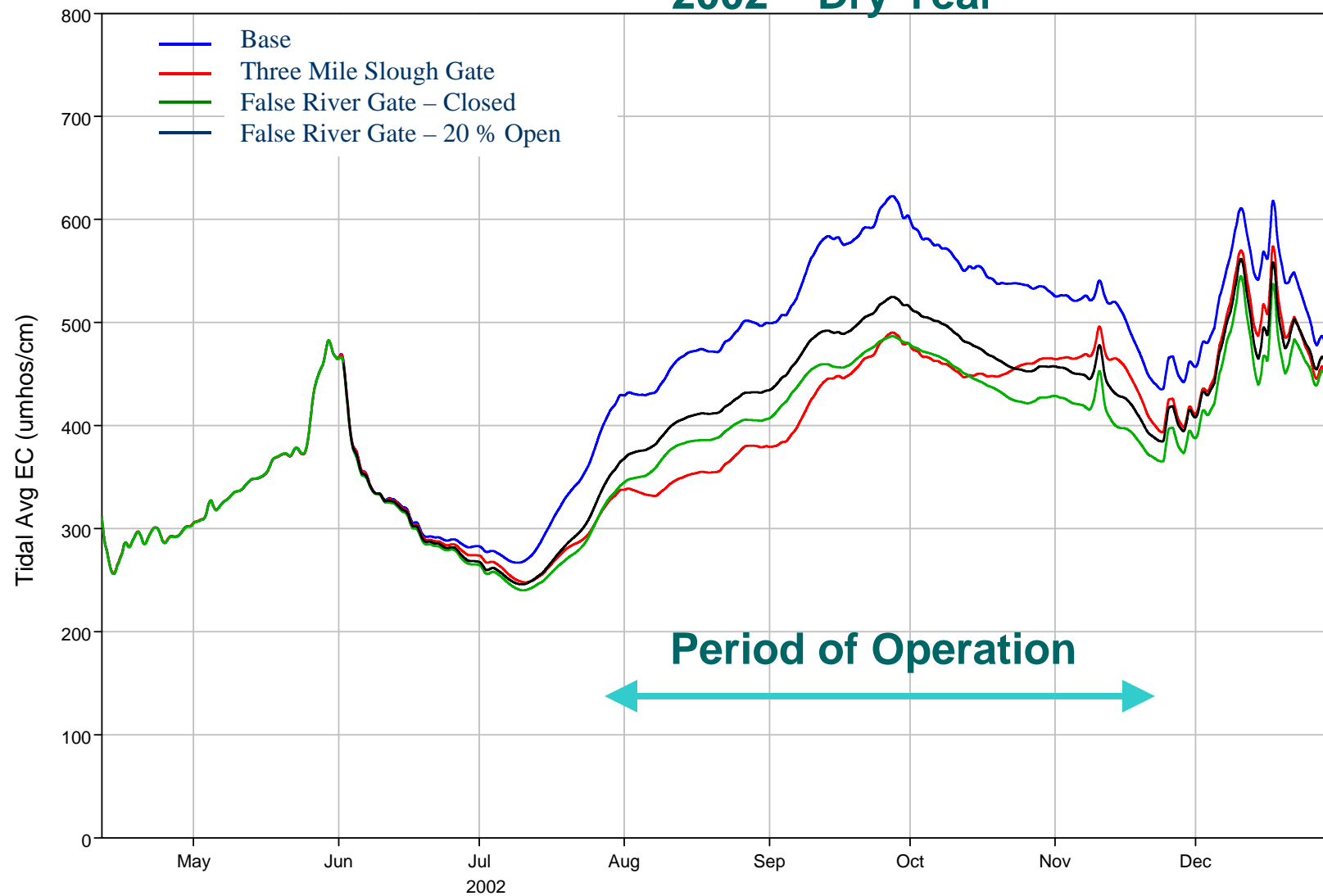
False River Gated Alternative

Elevation of Gated Structure – Looking D/S

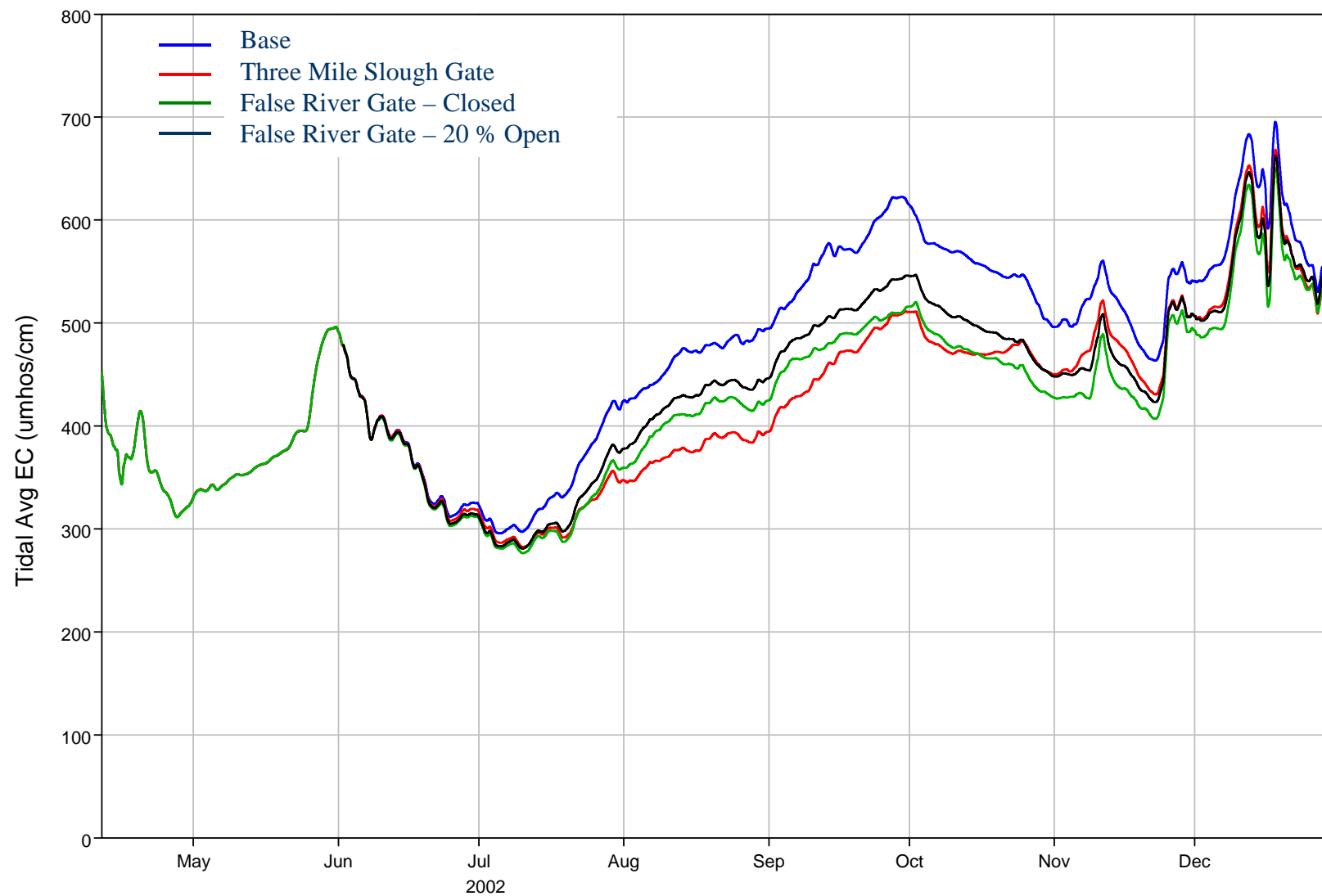


Tidally Averaged EC, SWP

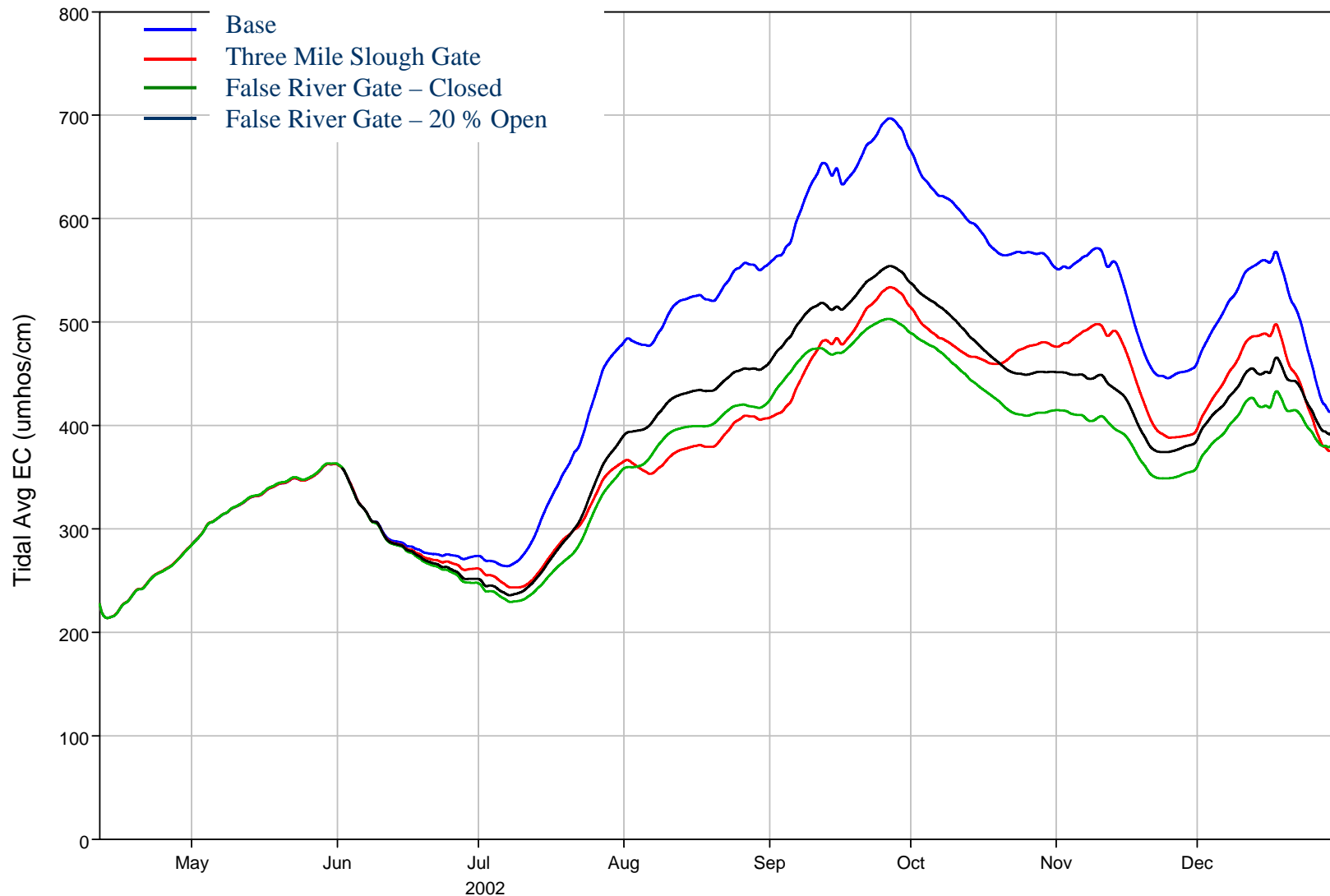
2002 – Dry Year



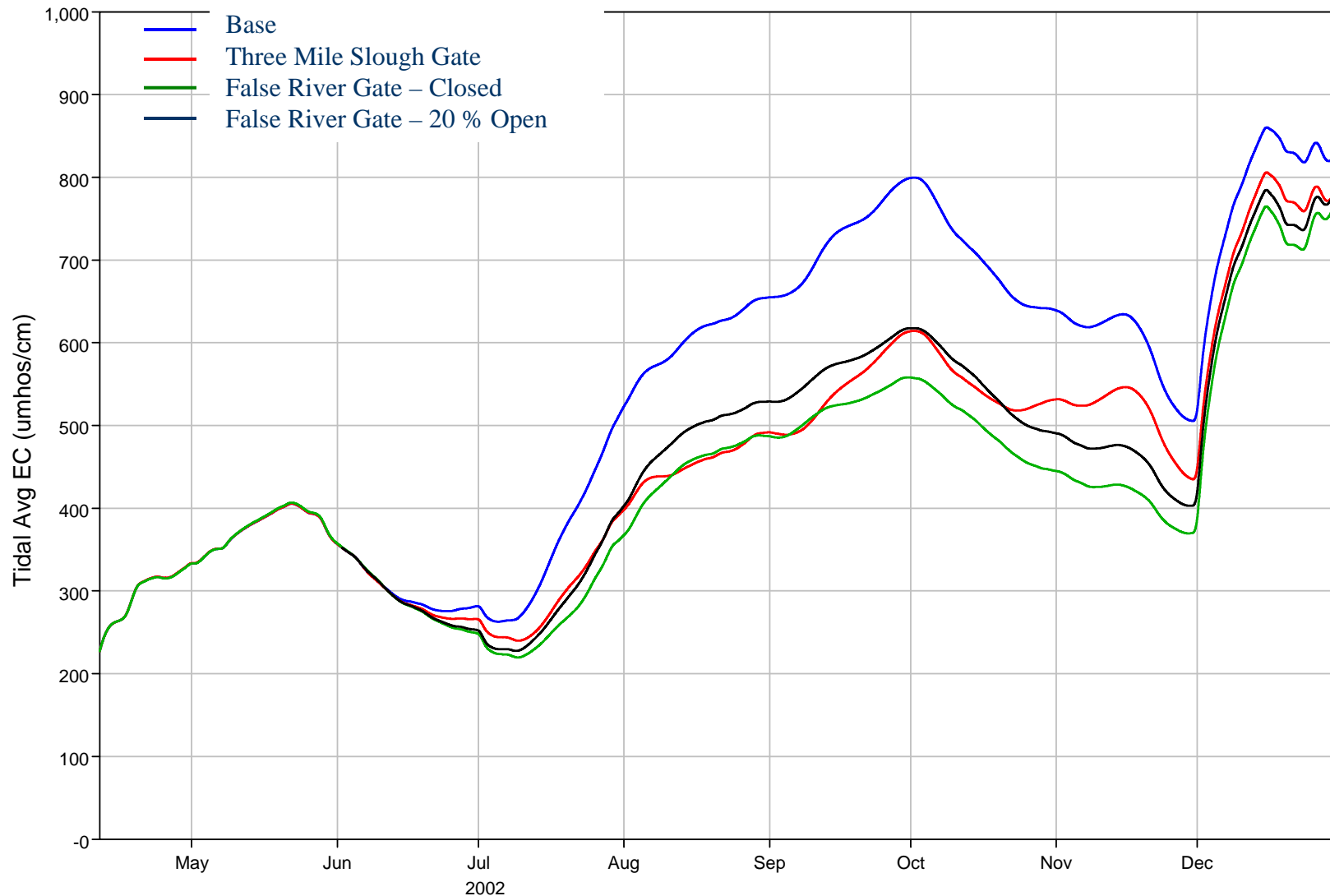
Tidally Averaged EC, CVP



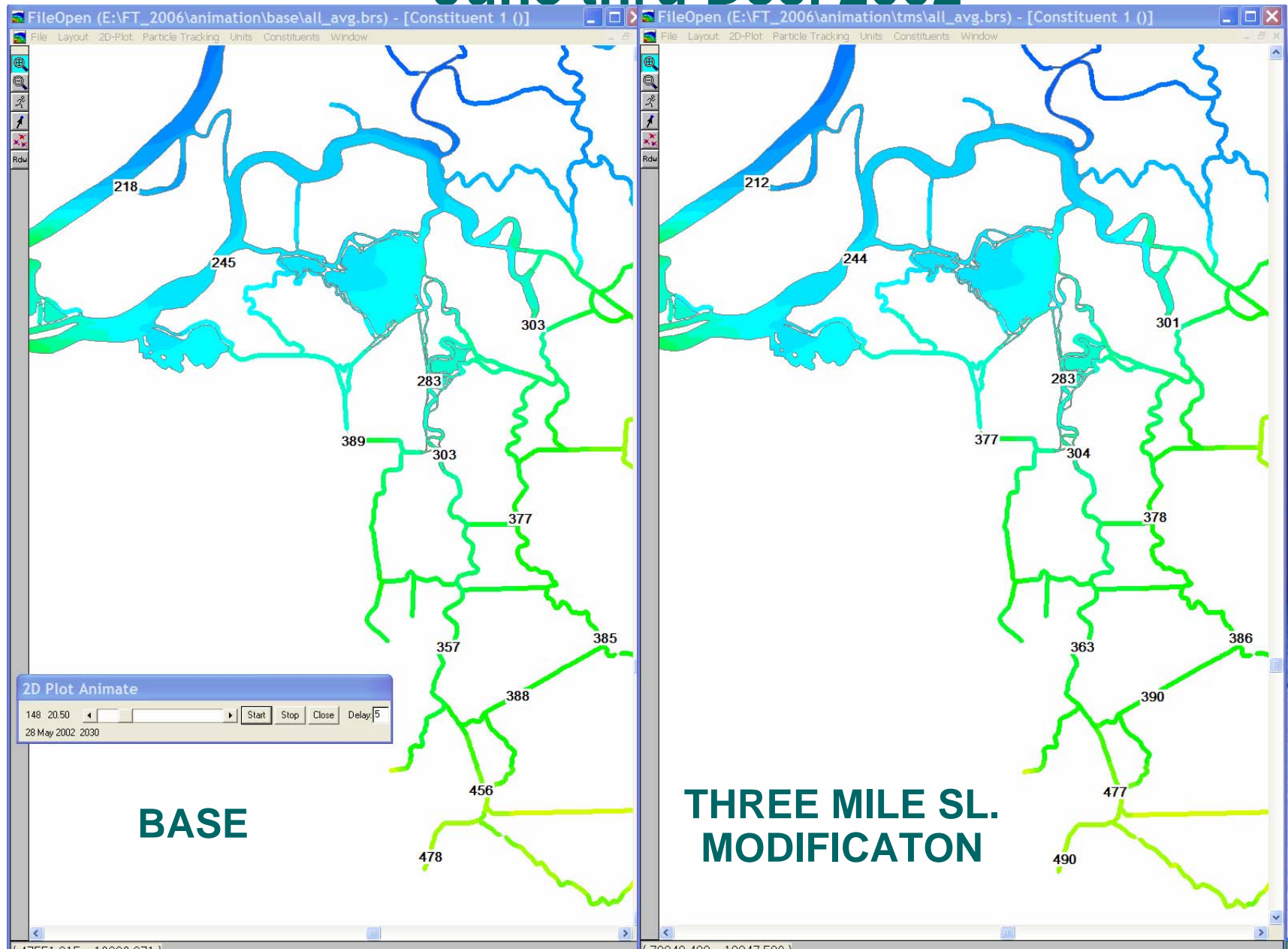
Tidally Averaged EC, Old River @ CCWD Intake



Tidally Averaged EC, CCWD Intake @ Rock Sl



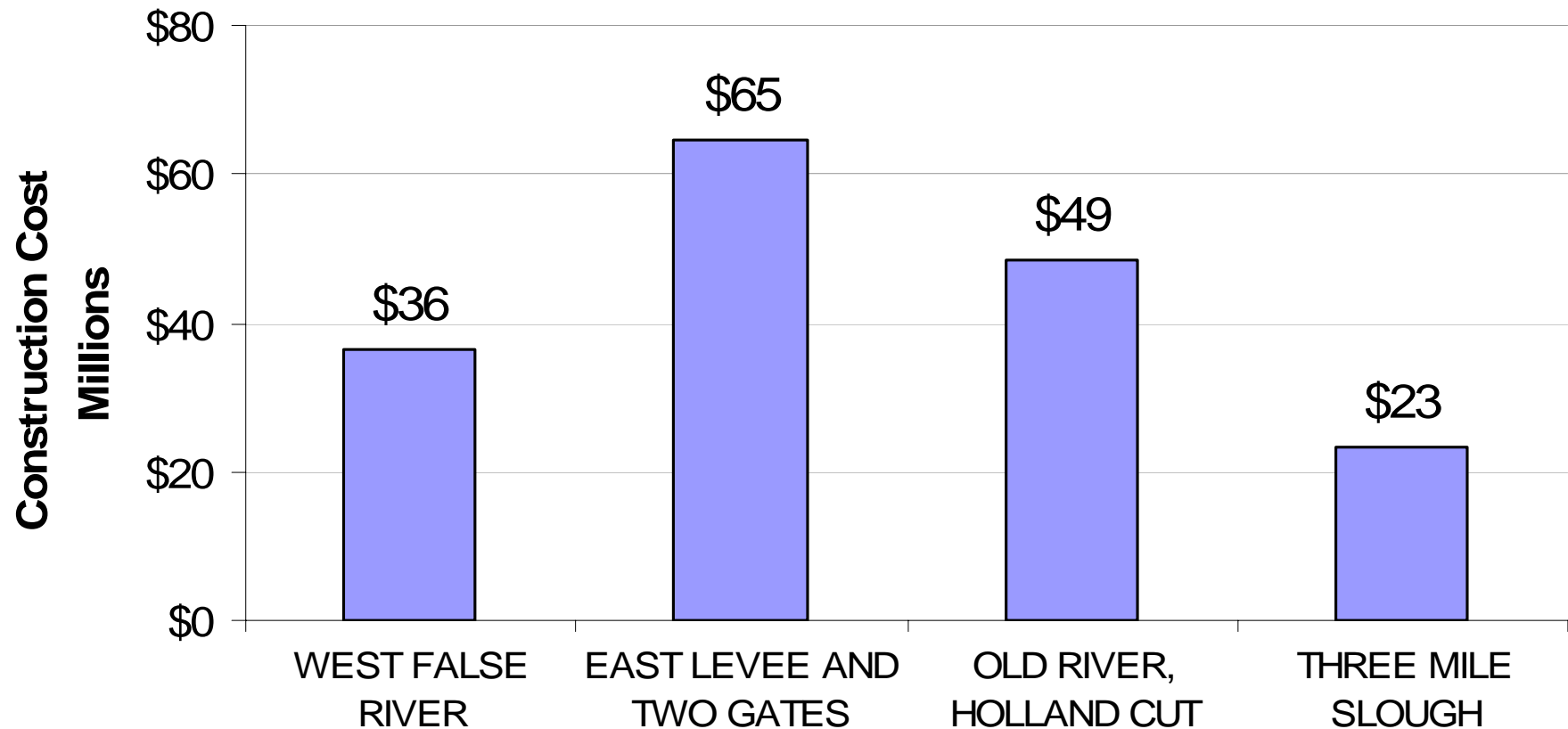
Three Mile Slough – Tidally Averaged EC: June thru Dec. 2002



Comparison EC Reduction September 2002 (Dry Year)

| | State Water Prj. SWP | Central Valley Prj. CVP | Contra Costa WD – Old River | Contra Costa WD – Rock Slough |
|--------------------------|----------------------------|-------------------------------|-----------------------------------|-------------------------------------|
| West False River | 14.3% | 10.6% | 19.1% | 21.1% |
| East Levee 2 Gates | 9.1% | 5.4% | 16.0% | 21.2% |
| Old River Holland Cut | 6.8% | 2.4% | 15.7% | 19.7% |
| Three Mile Slough | 22.6% | 18.5% | 25.0% | 25.1% |

Construction Cost Summary



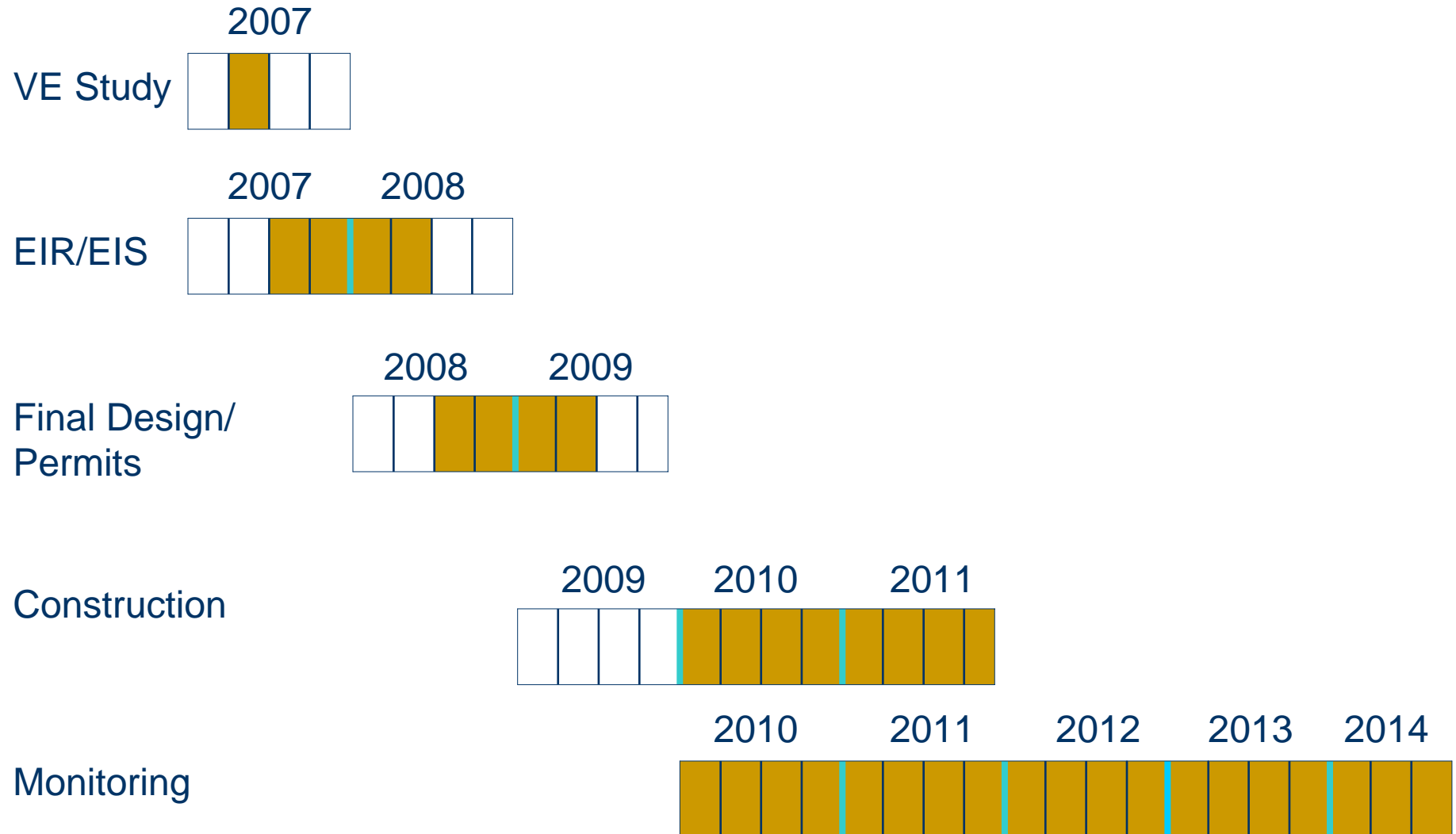
Alternative Evaluation

- Conceptual Design
- Value Engineering Study – Mid 2007

DCC/TDF/FT Salmon Smolts Outmigration Studies

- Pilot Study – Dec 2006-Jan 2007
- Regional Fish Study - Fall 2007

PROJECT SCHEDULE



Pilot Project Budget (2006 dollars)

| | |
|-------------------------------------|----------------------|
| Alternatives Eval. & Value Eng. | \$ 1 M |
| EIR/EIS and Permits | \$ 2 M |
| Monitoring Program (5 years) | \$ 5 M |
| Final Design | \$ 3 M |
| Construction (Least Expensive Alt.) | \$ 24 M |
| Construction Management | \$ 3 M |
| Total | \$ 38 Million |

Project Funding Options

- Funding Strategy
 - 1/3rd from State Funds
 - 1/3rd from Federal Funds
 - 1/3rd from Water Users (SWP, CVP, CCWD)